

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	(("6236527") or ("6108157") or ("4755892") or ("6212027") or ("5825575")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/10/30 16:18
S2	764	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:15
S3	626130	(control\$4 or chang\$3 or modify\$3) near3 (current or speed or velocity)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:22
S4	9848	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((control\$4 or chang\$3 or modify\$3) near3 (current or speed or velocity))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:22
S5	281	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((control\$4 or chang\$3 or modify\$3) near3 (current or speed or velocity))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:22
S6	1223	360/73.01.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:28
S7	19	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((control\$4 or chang\$3 or modify\$3) near3 (current or speed or velocity))) and 360/73.01.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:28
S8	36985	((head or transducer) WITH (speed or velocity or current) with (control\$3 or chang\$4 or modify\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:35
S9	874	360/75.ccls. and (((head or transducer) WITH (speed or velocity or current) with (control\$3 or chang\$4 or modify\$3)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:32
S10	8609	(head or transducer) WITH ((speed or velocity or current) near (control\$3 or chang\$4 or modify\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:32
S11	301	360/75.ccls. and ((head or transducer) WITH ((speed or velocity or current) near (control\$3 or chang\$4 or modify\$3)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:32

S12	1332	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((head or transducer) WITH ((speed or velocity or current) near (control\$3 or chang\$4 or modify\$3)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:33
S13	95	360/75.ccls. and (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((head or transducer) WITH ((speed or velocity or current) near (control\$3 or chang\$4 or modify\$3))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:33
S14	16005	((head or transducer) WITH ((speed or velocity or current) with (control\$3 or chang\$4 or modify\$3)) and current))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:50
S15	3000	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and (((head or transducer) WITH ((speed or velocity or current) with (control\$3 or chang\$4 or modify\$3)) and current)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:35
S16	181	360/75.ccls. and (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and (((head or transducer) WITH ((speed or velocity or current) with (control\$3 or chang\$4 or modify\$3)) and current))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 16:36
S17	2	("5764437" "5969899").PN.	USPAT	OR	ON	2003/10/30 16:40
S18	2	"20020154438"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/30 17:03
S19	85262	(head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:46
S20	803042	(control\$3 or chang\$4 or modify\$3) near5 (speed or current or velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:47
S21	11841	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)) and ((control\$3 or chang\$4 or modify\$3) near5 (speed or current or velocity))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:48

S22	314	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)) and ((control\$3 or chang\$4 or modify\$3) near5 (speed or current or velocity)) and 360/75.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:48
S23	47	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)) and ((control\$3 or chang\$4 or modify\$3) near5 (speed or current or velocity)) and 360/75.cccls.) and calibration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 08:49
S24	60	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)) and ((control\$3 or chang\$4 or modify\$3) near5 (speed or current or velocity)) and 360/75.cccls.) and calibrat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:44
S25	1093	(gradual\$3) near2 (chang\$3 near3 (current or velocity or speed))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:16
S26	36	(gradual\$3) near2 (chang\$3 near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:20
S27	8	(((gradual\$3) near2 (chang\$3 near3 (current or velocity or speed))) same (head or transducer)) and "360"/\$.cccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:17
S28	0	(((gradual\$3) near2 (chang\$3 near3 (current or velocity or speed))) same (head or transducer)) and 360/75.cccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:17
S29	36	((gradual\$3) near2 (chang\$3 near3 (current or velocity or speed))) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:20
S30	10030	(chang\$3 near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:20
S31	36	((gradual\$3) near2 (chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:27
S32	5	(((gradual\$3) near2 (chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)) not ((gradual\$3) near2 (chang\$3 near3 (current or velocity or speed)) same (head or transducer))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:25

S33	16673	((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:55
S34	299	360/75.ccls. and (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:28
S35	33	gradually and (360/75.ccls. and (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:12
S36	212	(((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)) and (load and unload)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:57
S37	29	360/75.ccls. and (((((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)) and (load and unload)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:56
S38	212	(((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)) and ("load" and "unload")	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:58
S39	6111	360/75.ccls. and23	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:58
S40	29	360/75.ccls. and (((((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)) same (head or transducer)) and (load and unload)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/10/31 12:58
S41	203	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 10:20
S42	6098	360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:37
S43	159	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and "360"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:37

S44	40	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and 360/75.cccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:53
S45	119	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and "360"/\$.cccls.) not (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current) and (lpf or "low pass" or filter))) and 360/75.cccls.)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 09:53
S46	202	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current) and ("low pass filter" or filter))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 10:37
S47	3	("4864437" "5768045" "5949608").PN.	USPAT	OR	ON	2003/11/19 11:06
S48	14	(US-6512650-\$ or US-6353510-\$ or US-6236527-\$ or US-5235476-\$ or US-6212027-\$ or US-5825575-\$ or US-6154340-\$ or US-5255135-\$ or US-6542324-\$ or US-6229663-\$ or US-5666236-\$ or US-4864437-\$ or US-6541931-\$).did. or (US-20020154438-\$).did.	US-PPGPUB; USPAT	OR	OFF	2003/11/19 11:11
S49	1073691	"low pass filter" or filter	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 11:11
S50	3	((US-6512650-\$ or US-6353510-\$ or US-6236527-\$ or US-5235476-\$ or US-6212027-\$ or US-5825575-\$ or US-6154340-\$ or US-5255135-\$ or US-6542324-\$ or US-6229663-\$ or US-5666236-\$ or US-4864437-\$ or US-6541931-\$).did. or (US-20020154438-\$).did.) and ("low pass filter" or filter)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 11:12
S51	82544	(head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 10:08
S52	479	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((silent or normal) adj mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:08
S53	89516	"360"/\$.cccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:03

S54	7	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((silent or normal) adj mode)) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:04
S55	66	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((silent or normal) adj mode)) and "360"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:06
S56	3496	((vcm or "voice coil") near5 (current))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 09:19
S57	5	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((silent or normal) adj mode)) and ((vcm or "voice coil") near5 (current)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/19 13:07
S58	37	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((silent or quiet) adj mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:10
S59	1	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((silent or quiet) adj mode) and ((vcm or "voice coil") near5 (current)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:23
S60	2	(head or transducer) and ((silent or quiet) adj mode) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 13:33
S61	51	("4675761" "4931889" "4933785" "4937689" "4956831" "4967293" "4991129" "5210726" "5264771" "5282100" "5291110" "5412809" "5450252" "5465034" "5475545" "5490601" "5535355" "5657179" "5668680" "5675558" "5696647" "5726825" "5751513" "5760992" "5825581" "5844396" "5880587" "5901009" "5973871" "5982570" "5986426" "5988411" "6008640" "6011373" "6011667" "6013995" "6031684" "6038096" "6052252" "6067203" "6101065" "6111720" "6115205" "6148240" "6151182" "6178060" "6195222" "6256163" "6256731" "6314473" "6381087").PN.	USPAT	OR	ON	2003/11/19 13:28

S62	49	((head or transducer) and ((silent or quiet or idle or low-power or "low power") adj mode) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/19 14:37
S63	2	("5262907").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/19 14:37
S64	82	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((speed or velocity) with control\$3) and ((VCM or "voice coil") adj2 current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 10:47
S65	2	("5764437" "5969899").PN.	USPAT	OR	ON	2003/11/20 10:41
S66	84	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3) and ((speed or velocity) with control\$3) and ((VCM or "voice coil") adj2 current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:44
S67	2	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3) and ((speed or velocity) with control\$3) and ((VCM or "voice coil") adj2 current)) not (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((speed or velocity) with control\$3) and ((VCM or "voice coil") adj2 current)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 10:48
S68	8	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3) and ((acoustic or noise) with (control\$3 or mode)) and ((VCM or "voice coil") adj2 current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:46
S69	539	rowan.in.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:46
S70	13	rowan.in. and ((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:48
S71	6	phan.in. and ((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:54
S72	2702	((quite or silent or acoustic or noise) adj2 mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:24

S73	92	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)) and ((quite or silent or acoustic or noise) adj2 mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:57
S74	89516	"360"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:57
S75	4	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3)) and ((quite or silent or acoustic or noise) adj2 mode)) and "360"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:57
S76	235	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3 or seek\$3 or mov\$3)) and ((quite or silent or acoustic or noise) adj2 mode)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:58
S77	27	"360"/\$.ccls. and (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3 or ramp\$3 or seek\$3 or mov\$3)) and ((quite or silent or acoustic or noise) adj2 mode))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/20 11:58
S78	27	("4675761" "4689698" "4816941" "4931889" "4933785" "4937689" "4991129" "5062016" "5151639" "5231549" "5309296" "5406535" "5453972" "5469414" "5471353" "5493670" "5521896" "5532563" "5594595" "5668680" "5696647" "5726825" "5751513" "5760992" "5847895" "5901009" "5973871").PN.	USPAT	OR	ON	2003/11/20 11:59
S79	27	("4675761" "4689698" "4816941" "4931889" "4933785" "4937689" "4991129" "5062016" "5151639" "5231549" "5309296" "5406535" "5453972" "5469414" "5471353" "5493670" "5521896" "5532563" "5594595" "5668680" "5696647" "5726825" "5751513" "5760992" "5847895" "5901009" "5973871").PN.	USPAT	OR	ON	2003/11/20 12:00
S80	82544	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:19

S81	631	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:28
S82	3929	((quite or silent or acoustic or noise) adj2 (mode or setting))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:28
S83	3	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current))) and (((quite or silent or acoustic or noise) adj2 (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:26
S84	3	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current))) and (((quite or silent or acoustic or noise) adj2 (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:28
S85	223	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and (quite or silent or acoustic or noise)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 13:27
S86	89516	"360"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:29
S87	6098	360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:29
S88	158	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and (quite or silent or acoustic or noise)) and "360"/\$.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:30
S89	22	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 09:18
S90	12	"360"/\$.ccls. and (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:33

S91	79	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (reduc\$5 or eliminat\$4 or decreas\$3))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:50
S92	65	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (reduc\$5 or eliminat\$4 or decreas\$3))) not (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 08:57
S93	10	("5214549" "5430589" "5483397" "5517375" "5825585" "5914836" "5999374" "6002546" "6175469" "6288866").PN.	USPAT	OR	ON	2003/11/21 08:52
S94	2	("5475545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/21 08:57
S95	55	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise or idle) with (mode or setting)))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 09:18
S96	33	(((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise or idle) with (mode or setting))) not (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3) and ((vcm or "voice coil") near5 (current)) and ((quiet or silent or acoustic or noise) with (mode or setting))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 09:19
S97	2	("4237501" "5227929").PN.	USPAT	OR	ON	2003/11/21 10:17

S98	188	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and (quiet or silent or acoustic or noise)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:46
S99	2	("6212027").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/21 13:22
S100	20	("4480217" "4755892" "4864437" "5235476" "5291110" "5305160" "5305161" "5315455" "5341259" "5383068" "5384675" "5392174" "5465034" "5485323" "5521891" "5566148" "5568333" "5600219" "5675558" "5754357").PN.	USPAT	OR	ON	2003/11/21 12:52
S101	2	((("4480217" "4755892" "4864437" "5235476" "5291110" "5305160" "5305161" "5315455" "5341259" "5383068" "5384675" "5392174" "5465034" "5485323" "5521891" "5566148" "5568333" "5600219" "5675558" "5754357").PN.) and ((silent or quiet) near seek\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 13:23
S102	18	(silent or quiet) near seek\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:10
S103	75539	"318"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 13:27
S104	19	"318"/\$.ccls. and (((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and (quiet or silent or acoustic or noise))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 13:28
S105	2	("5949608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/21 14:27

S10 6	0	"ho.in",	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:27
S10 7	18819	ho.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:27
S10 8	1969	ho.in. and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:28
S10 9	38	ho.in. and seagate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:30
S11 0	10	ho.in. and seagate and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:38
S11 1	12	("5223992" "5291110" "5465034" "5657179" "5696647" "5726825" "5751513" "5760992" "5901009" "6219193" "6246152" "6298545").PN.	USPAT	OR	ON	2003/11/21 14:30
S11 2	3	((("5223992" "5291110" "5465034" "5657179" "5696647" "5726825" "5751513" "5760992" "5901009" "6219193" "6246152" "6298545").PN.) and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:30
S11 3	201	ho.in. and "low pass filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:39
S11 4	1	ho.in. and "low pass filter" and seagate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 14:39
S11 5	50	((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice-coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:56

S11 6	96	((head or transducer) WITH (seek\$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 16:11
S11 7	66	((head or transducer) WITH (seek\$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF)) not ((head or transducer) WITH (load\$3 or unload\$3 or park\$3 or latch\$3)) and ((vcm or "voice coil") near5 (current)) and (lowpass or low-pass or "low pass" or LPF))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:57
S11 8	2	("5136561" "6215608").PN.	USPAT	OR	ON	2003/11/21 14:57
S11 9	10	("4967293" "5062012" "5189578" "5237472" "5341260" "5459383" "5548653" "5572387" "5585980" "6034834").PN.	USPAT	OR	ON	2003/11/21 14:59
S12 0	107878	(lowpass or low-pass or "low pass" or LPF)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:59
S12 1	3	(("4967293" "5062012" "5189578" "5237472" "5341260" "5459383" "5548653" "5572387" "5585980" "6034834").PN.) and ((lowpass or low-pass or "low pass" or LPF))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 14:59
S12 2	24	(US-6512650-\$ or US-6353510-\$ or US-6236527-\$ or US-5235476-\$ or US-6212027-\$ or US-5825575-\$ or US-6154340-\$ or US-5255135-\$ or US-6542324-\$ or US-6229663-\$ or US-5666236-\$ or US-4864437-\$ or US-6541931-\$ or US-6195222-\$ or US-6563658-\$ or US-6381087-\$ or US-6118607-\$ or US-5475545-\$ or US-5615064-\$ or US-5465034-\$ or US-5949608-\$ or US-5901009-\$ or US-6563666-\$).did. or (US-20020154438-\$).did.	US-PGPUB; USPAT	OR	OFF	2003/11/21 16:09

S12 3	0	(silent near seek) and ((US-6512650-\$ or US-6353510-\$ or US-6236527-\$ or US-5235476-\$ or US-6212027-\$ or US-5825575-\$ or US-6154340-\$ or US-5255135-\$ or US-6542324-\$ or US-6229663-\$ or US-5666236-\$ or US-4864437-\$ or US-6541931-\$ or US-6195222-\$ or US-6563658-\$ or US-6381087-\$ or US-6118607-\$ or US-5475545-\$ or US-5615064-\$ or US-5465034-\$ or US-5949608-\$ or US-5901009-\$ or US-6563666-\$).did. or (US-20020154438-\$).did.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:09
S12 4	62	(silent or quiet) near5 seek\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:10
S12 5	1712	(silent or quiet) near5 (seek\$3 or mov\$3 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:11
S12 6	1123	(silent or quiet) near3 (seek\$3 or mov\$3 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/21 16:11
S12 7	0	((head or transducer) and ((vcm or "voice coil") near5 (current))) and (lowpass or low-pass or "low pass" or LPF) and (silent or quiet) near3 (seek\$3 or mov\$3 or position\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 16:12
S12 8	5	((head or transducer) and ((vcm or "voice coil") near5 (current))) and (silent or quiet) near3 (seek\$3 or mov\$3 or position\$3)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/21 16:13

S12 9	51	("4675761" "4931889" "4933785" "4937689" "4956831" "4967293" "4991129" "5210726" "5264771" "5282100" "5291110" "5412809" "5450252" "5465034" "5475545" "5490601" "5535355" "5657179" "5668680" "5675558" "5696647" "5726825" "5751513" "5760992" "5825581" "5844396" "5880587" "5901009" "5973871" "5982570" "5986426" "5988411" "6008640" "6011373" "6011667" "6013995" "6031684" "6038096" "6052252" "6067203" "6101065" "6111720" "6115205" "6148240" "6151182" "6178060" "6195222" "6256163" "6256731" "6314473" "6381087").PN.	USPAT	OR	ON	2003/11/21 16:13
S13 0	1012	(silent or quiet) adj2 (mode or set\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 13:57
S13 1	1012	((silent or quiet) adj2 (mode or set\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:06
S13 2	6375	360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:53
S13 3	7	(((silent or quiet) adj2 (mode or set\$5))) and 360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 13:57
S13 4	165915	((silent or quiet or mode or acoustic or vibrat\$4) adj2 (mode or set\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:14
S13 5	242	360/75.ccls. and (((silent or quiet or mode or acoustic or vibrat\$4) adj2 (mode or set\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:14

S13 6	16768	((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:14
S13 7	40	360/75.ccls. and (((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:24
S13 8	13	360/75.ccls. and (((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))) and VCM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:25
S13 9	12	360/75.ccls. and (((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))) and VCM and current	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:25
S14 0	92865	"360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:53
S14 1	266	(((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))) and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:53
S14 2	226	(((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))) and "360"/\$.ccls.) not (360/75.ccls. and (((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 14:54
S14 3	30	((((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5))) and "360"/\$.ccls.) not (360/75.ccls. and (((silent or quiet or acoustic or vibrat\$4) adj2 (mode or set\$5)))) and ((vcm or "voice coil") near5 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 15:30
S14 4	3	("6504663").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/24 15:31

S14 5	2	("6639750").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/24 15:36
S14 6	4	("5345347" "5452277" "5481733" "5682273").PN.	USPAT	OR	ON	2003/11/24 15:31
S14 7	3	("6563660").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/24 15:36
S14 8	16828	((silent or quiet or sleep\$3 or idle or wait\$3) adj2 (mode or setting))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:09
S14 9	55	360/75.ccls. and (((silent or quiet or sleep\$3 or idle or wait\$3) adj2 (mode or setting)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:09
S15 0	20	360/75.ccls. and (((silent or quiet or sleep\$3 or idle or wait\$3) adj2 (mode or setting))) and ((VCM or "voice coil") with current)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:09
S15 1	2	"5982570".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/24 16:10

S15 2	51	("4675761" "4931889" "4933785" "4937689" "4956831" "4967293" "4991129" "5210726" "5264771" "5282100" "5291110" "5412809" "5450252" "5465034" "5475545" "5490601" "5535355" "5657179" "5668680" "5675558" "5696647" "5726825" "5751513" "5760992" "5825581" "5844396" "5880587" "5901009" "5973871" "5982570" "5986426" "5988411" "6008640" "6011373" "6011667" "6013995" "6031684" "6038096" "6052252" "6067203" "6101065" "6111720" "6115205" "6148240" "6151182" "6178060" "6195222" "6256163" "6256731" "6314473" "6381087").PN.	USPAT	OR	ON	2003/11/24 16:13
S15 3	152	360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 09:17
S15 4	31	((vcm or "voice coil") near5 (current)) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:43
S15 5	0	((silent or quiet) adj3 mode]) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:12
S15 6	0	((silent or quiet) adj3 mode) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:12
S15 7	8	((silent or quiet or coarse or fine) adj3 mode) and 360/78.05.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:32
S15 8	2	"6501609".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:32

S15 9	0	((silent or quiet or coarse or fine) adj3 mode) and 360/78.05.ccls.) and "6501609".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:32
S16 0	24	((silent or quiet or coarse or fine) adj3 mode) and 360/78.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:33
S16 1	171	((vcm or "voice coil") near5 (current)) and 360/78.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:33
S16 2	12	((vcm or "voice coil") near5 (current)) and ((silent or quiet or coarse or fine) adj3 mode) and 360/78.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:39
S16 3	17	((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep\$3) adj3 mode) and 360/78.01-78.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:41
S16 4	18	((vcm or "voice coil") near5 (current)) and ((silent or quiet or idle or sleep\$3) adj3 mode) and 360/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 10:58
S16 5	51	("4675761" "4931889" "4933785" "4937689" "4956831" "4967293" "4991129" "5210726" "5264771" "5282100" "5291110" "5412809" "5450252" "5465034" "5475545" "5490601" "5535355" "5657179" "5668680" "5675558" "5696647" "5726825" "5751513" "5760992" "5825581" "5844396" "5880587" "5901009" "5973871" "5982570" "5986426" "5988411" "6008640" "6011373" "6011667" "6013995" "6031684" "6038096" "6052252" "6067203" "6101065" "6111720" "6115205" "6148240" "6151182" "6178060" "6195222" "6256163" "6256731" "6314473" "6381087").PN.	USPAT	OR	ON	2003/11/25 10:57

S16 6	0	((vcm or "voice coil") near5 (current) and ((silent or quiet or idle or sleep\$3) adj3 mode) and "6314473".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:17
S16 7	144	((vcm or "voice coil") near5 (current) and ((silent or quiet or idle or sleep\$3 or normal) adj3 mode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S16 8	92899	"360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S16 9	96	(((vcm or "voice coil") near5 (current) and ((silent or quiet or idle or sleep\$3 or normal) adj3 mode)) and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S17 0	1252455	acoustic or noise or vibration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S17 1	80	(((vcm or "voice coil") near5 (current) and ((silent or quiet or idle or sleep\$3 or normal) adj3 mode)) and (acoustic or noise or vibration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:18
S17 2	51	((((vcm or "voice coil") near5 (current) and ((silent or quiet or idle or sleep\$3 or normal) adj3 mode)) and (acoustic or noise or vibration)) and "360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:19
S17 3	142	((vcm or "voice coil") with (current) and ((coarse or fine) adj3 (mov\$5 or shift\$4 or mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:44
S17 4	20	((vcm or "voice coil") with (current) same ((coarse or fine) adj3 (mov\$5 or shift\$4 or mode))\	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:45
S17 5	20	((vcm or "voice coil") with (current) same ((coarse or fine) adj3 (mov\$5 or shift\$4 or mode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:46

S17 6	15	(acoustic or noise or vibration) and ((vcm or "voice coil") with (current) same ((coarse or fine) adj3 (mov\$5 or shift\$4 or mode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 11:46
S17 7	61	gradual\$3 and (360/75.ccls. and (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed))))	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:13
S17 8	8	(gradual\$3 same (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:21
S17 9	9	((gradual\$3 or sharp\$3) same (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)))) and 360/75.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:21
S18 0	1	(((gradual\$3 or sharp\$3) same (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)))) and 360/75.ccls.) not ((gradual\$3 same (((chang\$3 or modify\$3 or vary\$3 or adjust\$3 or alter\$3) near3 (current or velocity or speed)))) and 360/75.ccls.)	USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/25 12:55
S18 1	10	(""6236527" or ("6108157") or ("4755892") or ("6212027") or ("5825575")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 12:55
S18 2	2	(acoustic or noise or vibration) and (((("6236527") or ("6108157") or ("4755892") or ("6212027") or ("5825575")).PN.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/11/25 12:56
S18 3	20	("4480217" "4755892" "4864437" "5235476" "5291110" "5305160" "5305161" "5315455" "5341259" "5383068" "5384675" "5392174" "5465034" "5485323" "5521891" "5566148" "5568333" "5600219" "5675558" "5754357").PN.	USPAT	OR	ON	2003/11/25 12:56
S18 4	33	"5465034".URPN.	USPAT	OR	ON	2003/11/25 13:01
S18 5	14	"5751513".URPN.	USPAT	OR	ON	2003/11/25 13:14

S18 6	2	("5982570").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:16
S18 7	10	(("5982570") or ("5760992") or ("6236527") or ("5315455") or ("6583964")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/11/25 14:17
S19 0	2	"20020154438"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:49
S19 1	78364	((head or transducer or element or arm or slider) near5 (load\$3 or unload\$3 or park\$3 or latch\$3)) same (push\$3 or contact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:53
S19 2	902880	(control\$3 or chang\$4 or modify\$3) near5 (speed or current or velocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:51
S19 3	5113	S191 and S192	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:52
S19 4	96728	"360"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:52
S19 5	819	S193 and S194	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:53
S19 6	6726	360/75.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:53
S19 7	207	S193 and S196	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 10:58

S19 8	7868	((head or transducer or element or arm or slider) near5 (load\$3 or unload\$3 or park\$3 or latch\$3)) same ((push\$3 or contact\$3) near5 (ramp or wall or slope or stop\$3 or barrier or barricade or blockade))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 10:58
S19 9	132	S196 and S198	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 11:13
S20 0	2	"5663846".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/28 11:13